

CLAIMS

We claim:

1. A method for executing multiple functions, comprising:

defining a first function;

defining a second function in an inheritance relationship to said first function;

calling said second function, comprising:

instantiating said first function and then instantiating said second function.

2. The method of claim 1, further comprising:

destructing said second function and then said first function.

3. The method of claim 2, further comprising:

halting the instantiation process when any function exits in an error condition.

4. The method of claim 1, further comprising:

accessing a table to determine if an inheritance relationship exists between said first function and said second function.

5. The method of claim 4, wherein said table is stored in a RAM.

6. A computer program product comprising:

a computer usable medium having computer readable program code embodied therein
configured to execute multiple functions, said computer program product comprising:

computer readable code configured to cause a computer to define a first function;

computer readable code configured to cause a computer to define a second function in an
inheritance relationship to said first function; and

computer readable code configured to cause a computer to call said second function,
comprising:

computer readable code configured to cause a computer to instantiate said first
function and then to instantiate said second function.

7. The computer program product of claim 6, further comprising:

computer readable code configured to cause a computer to destruct said second function
and then said first function.

8. The computer program product of claim 7, further comprising:

computer readable code configured to cause a computer to halt the instantiation process when any function exits in an error condition.

9. The computer program product of claim 1, further comprising:

computer readable code configured to cause a computer to access a table to determine if an inheritance relationship exists between said first function and said second function.

10. The method of claim 9, wherein said table is stored in a RAM.

LA 50724v5